

03AD



ENVELOPE

OIPE

#7

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/667,170A

DATE: 05/13/2002 P.6
TIME: 15:12:12

Input Set : A:\475c7.app

Output Set: N:\CRF3\05132002\I667170A.raw

```

3 <110> APPLICANT: Reed, Steven G.
4     Henderson, Robert A.
5     Lodes, Michael J.
6     Fling, Steven P.
7     Mohamath, Raodoh
8     Algate, Paul A.
9     Secrist, Heather
10    Indirias, Carol Yoseph
11    Benson, Darin R.
13 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
14    THE THERAPY AND DIAGNOSIS OF LUNG CANCER
17 <130> FILE REFERENCE: 210121.475C7
19 <140> CURRENT APPLICATION NUMBER: US 09/667,170A
C--> 20 <141> CURRENT FILING DATE: 2002-05-03
22 <160> NUMBER OF SEQ ID NOS: 440
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 339
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
31 <400> SEQUENCE: 1
32  gtactcagac aggatagtc tcatgtagca caaagcamat cctgtttcta tacttgtagt      60
33  ttgctctcac tcagtggcat ratcattact atacagtgtg gaatgttrtt atgtagcata      120
34  gatgtggggt ctctagccca cagctctsta cctttgtcta gcaactcctgt cctcatacct      180
35  ragtggcctg tccatcagca tgtttctcat ctactttgct tgtccagtcc actgtgggtcc      240
36  tcccttgccc tctcccttat gtggcagagt ggaaccagct gtcctgagac ttgagttcaa      300
37  catctgggtc gcccatygtc atgtttgtgg tctgagtac      339
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 698
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapien
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (1)...(698)
47 <223> OTHER INFORMATION: n = A,T,C or G
49 <400> SEQUENCE: 2
50  gtactcagac cagcactgca ttttctccac tgotgacggg tctaatacca gctgcttccc      60
W--> 51  tttcttgagg gcagagctng tgaccttgag aaagtgcact gtgaccatca tgtgggtagt      120
52  gagctgctgc aaggtgtcat gggagctccc aactccatg cactttwaga tctgggactt      180
53  gcaggcctca ractgccagg ttagctcgc tccattttgg tagccatagc gttgtttgga      240
54  ggacaactgc aagttggcgt tcttctgaga agaaaaagaa tctgcaaaag atcctgtggt      300
55  tgaatcgggg gaacacggcc gattgacatc aaaaacgcgt ttcttagccc gggtgaccat      360
56  ttctgaggaa atggttgggg actggctcct tcaaaggcac tttttggtta tgttttgttt      420

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W--> 57 yaatcatgtk gacgctccaa tcttggragg gaatcgaang rantcncnc caaaacatrc 480
      58 stttcagraa ccttttgarc atcctctttt ttccgtrtcc cggmaargcc cytttccckg 540
W--> 59 ggctttgaaa wyagcctsgt tgggttctta aattaccart ccacnwggtg gaattccccg 600
W--> 60 ggccccctgc ccggttccaa ccaattttgg graaaacccc cncanscctg tkggantgcn 660
W--> 61 acaacntggn ntttttctntt tctgtntccc ctngaacc 698
      63 <210> SEQ ID NO: 3
      64 <211> LENGTH: 697
      65 <212> TYPE: DNA
      66 <213> ORGANISM: Homo sapien
      68 <220> FEATURE:
      69 <221> NAME/KEY: misc_feature
      70 <222> LOCATION: (1)...(697)
      71 <223> OTHER INFORMATION: n = A,T,C or G
      73 <400> SEQUENCE: 3
      74 gtactcagac ccccaacctc gaacagccag aagacagggt gtctcctggg ccttggacac 60
W--> 75 agccngccag gccattgaag ganaagcaaa gacgaagcga accatctctc tccattgtgg 120
W--> 76 gggccaagta gctgcantan ccttcagtc cagttgcatt gggttaaaga gtcatacat 180
W--> 77 actatgtgtn aggggtacag aagcttttcc tcatagggca tgagctctcc nagagttgac 240
W--> 78 cttttgcctn aacttgggggt ttctgtgggt cataaagttt ggatatgtat tttttttcaa 300
W--> 79 atggaanaaa atccgtatct ggcaaaaaga ctccaggggg atgatactgt ccttgccact 360
W--> 80 tacagtccaa angatnttcc ccaaagaata gacatttttt cctctcatca cttctggatg 420
W--> 81 caaaatcttt tatttttttc cttctctgca ccnccccaga ccccttnnag gttnaaccgc 480
W--> 82 ttcccatctc ccccatteca cagatnttg aattngcann ncgttgntgg tcgggtcccn 540
W--> 83 nccgaaaggg tntttttatt cggggtnctg anttnnnaac cncnagttg aatccgcggg 600
W--> 84 gcggccnngn gggtnnacc atgntgggga naactnccn ccgcgnttgg aatgccanag 660
W--> 85 ccttgaaant tttcttttgg tcgcccccn gagattc 697
      87 <210> SEQ ID NO: 4
      88 <211> LENGTH: 712
      89 <212> TYPE: DNA
      90 <213> ORGANISM: Homo sapien
      92 <220> FEATURE:
      93 <221> NAME/KEY: misc_feature
      94 <222> LOCATION: (1)...(712)
      95 <223> OTHER INFORMATION: n = A,T,C or G
      97 <400> SEQUENCE: 4
W--> 98 gtactcagac aaccaatagg tgtgttyctc anatctgaaa cacaaaaaga ttctagctna 60
W--> 99 taatgttsaa tgggtgaggg ttaagtgat cttggtatgt tngatttagc agcgatnggc 120
      100 cgggtgcggg ggctcacgca tgtatccag cactttggga ggccgaggca ggaggatcac 180
W--> 101 ctgaggtcag gagtttgaga ccagcctggc cgacatggtn aaaccccgtc tctactanga 240
W--> 102 atacanaaat tagcccgggc atagtggcgc gtgcctrtga cctcsgctac tttggggatt 300
      103 ctctgagga agaattgctt gaactcagg aagtggargt ttgcagttag cttaaataca 360
      104 gccactggca ctcccagcct gggktaacag agccamgact ctkgcccga aaaaaaraama 420
W--> 105 cgacggagaa nmagntctgt tattccatgg gaaattkgaa tttccttcyt tkaaatact 480
W--> 106 taaaatnggt cctcctwaaa aaagttcggc tggggcccgk tggctcacat tttkttaycc 540
W--> 107 cycccccttt tggggarggc caarggccg kttgawtnnc cttgagggg ccanaactcc 600
W--> 108 agnaaccrgn cccgggccc arsmgwkgkstr armcccttc cyccmaraa aawwccsmaa 660
      109 wwtttyccsc cygsykggct ggkasckgtt myyyyyggtm csyagcttgc tt 712
      111 <210> SEQ ID NO: 5
      112 <211> LENGTH: 679

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```

113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapien
116 <220> FEATURE:
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (1)...(679)
119 <223> OTHER INFORMATION: n = A,T,C or G
121 <400> SEQUENCE: 5
W--> 122 gtactcagac cacctcacat gcagggtnag aaacatggag tgtgcggcag catcctcctc 60
123 acatcccttt gtgagcacgg ctgctccgga atactgacca tctgggctag cacgacctaa 120
124 cagaggggttc tgcaggatgt gctattttaa agcagctggg tgcaacttgt gaaaacggga 180
W--> 125 atctngaage agaacatgtn atcagcgatg gctgggattg gtggacagga ttgacaggag 240
126 tatttgaggc tctaccaggc ctgtctacag gacagcttca tcgaaggac attttttaac 300
W--> 127 ctgttatattt anattccaca tatntttttt aatgctnaag catacagggt gaatttctgg 360
W--> 128 atcgtaacta ctagtgactt ctgaggttta cagttngaag atgttctcnn aggtttatca 420
W--> 129 agttntgtta ttgatgatng gtaatctaca cctctggaag ctgtngaag tgaaaaagat 480
W--> 130 ncntncanct gaccagtttg nagggcactc tcttctggna agnaatccgn ccaaaaaaat 540
W--> 131 tgtttcnagg gggcntgggg ggtttaaaaa aatgtttctn ttncntaaa aatgtttacc 600
W--> 132 cnnctattga aaaaatgggg gtcgnggggg gcttnaaatc cccnanttnt gaattttnta 660
W--> 133 tccggaanct tggtttccc 679
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 369
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapien
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (1)...(369)
143 <223> OTHER INFORMATION: n = A,T,C or G
145 <400> SEQUENCE: 6
146 tcagtcagat catgggtcct ataagagaag tcactctgtg agtttccatg gaggaagaaa 60
147 aagcttcatt tctttaccct gcagcaacag cggagggagg gagagcctat cttctttgca 120
W--> 148 aattcattaa ctttgtgggt gaagggagca gcgtcngaaa ctgcttttagc acagtgggag 180
149 gaaaacaaac agattcatct ccggaaacca aaggaaaggg tragtgggtt tttattagcc 240
150 agctgtatcc tagatggtca atttccagtg gatgaatata ccttacgtac gtttctcttg 300
W--> 151 cttcctacct nggcctgatc agctnggcac ttraatcatt ccgtnggggt wgctgtgtnaca 360
152 ctggactga 369
154 <210> SEQ ID NO: 7
155 <211> LENGTH: 264
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapien
159 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (1)...(264)
162 <223> OTHER INFORMATION: n = A,T,C or G
164 <400> SEQUENCE: 7
W--> 165 tgctggatra gggatggggc acgggagcac agatmgactt taactgcccc cacgttntcm 60
166 aggaaaggat tacaggcgtg agccactgcg cccggcctct tctccacttt cataggttcc 120
W--> 167 agtctctggt tcttctttct cagtttgttg tttttgcttc ttaaamtag gagatnagaa 180
168 tgaacactac actcgggaatc aggaagccct gcctggcgcc tctgtcacct gtctaggggc 240
169 ttcttctcac tgagtcaccc agca 264

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171 <210> SEQ ID NO: 8
172 <211> LENGTH: 280
173 <212> TYPE: DNA
174 <213> ORGANISM: Homo sapien
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)...(280)
179 <223> OTHER INFORMATION: n = A,T,C or G
181 <400> SEQUENCE: 8
W--> 182  acctcaactg ccanaacan aactgttgta caagatttga ggatttaaca atatttcaca      60
W--> 183  tgaaatattt cagacctacg ngagggttta aagacnaatt aaatgagcac cngtgtgccc      120
W--> 184  accgcccena ttaagaatta gagcaagcag tgagggtgaag ccttgteett gcttttaaca      180
W--> 185  tagaaagtga tccaaattca ccaaacttga cttnnngttt tgcagtgtgg cctcctgatt      240
W--> 186  ctagacnctg gcgaaacatt tgatgggcaa aaaaaaaaaa      280
188 <210> SEQ ID NO: 9
189 <211> LENGTH: 449
190 <212> TYPE: DNA
191 <213> ORGANISM: Homo sapien
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (1)...(449)
196 <223> OTHER INFORMATION: n = A,T,C or G
198 <400> SEQUENCE: 9
W--> 199  tcgtcaactc caggatggct ttgaaaatna atggacacag atctctcctg ttttgatrat      60
W--> 200  ntgcagtgtc natgactggc tttgcagttt attttgattc aggcaacaga tgttcctttt      120
      201  gggtccctgt ctcccatggg cgtcatttca tgttgteetc tgccttcccc cagatattct      180
      202  aagttcagga cacaagcttc tggcccatgc agagcagagg ccatgagggg tcacagcatg      240
W--> 203  ggtacgggag gaaacactgg gctnaccacg atnctggact tgagtcttgc ctctgctgct      300
      204  tgctgcacag cttctgtcat ggtgctaaac ctgtgacctg cctcacaggc ttagagcatg      360
W--> 205  cccgtagaag tactctnaac taaratgctt tccacaaatg agatgggttc atgaaaactt      420
      206  caaatagagg gcctgggcaa aaaaaaaaaa      449
208 <210> SEQ ID NO: 10
209 <211> LENGTH: 538
210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapien
213 <220> FEATURE:
214 <221> NAME/KEY: misc_feature
215 <222> LOCATION: (1)...(538)
216 <223> OTHER INFORMATION: n = A,T,C or G
218 <400> SEQUENCE: 10
      219  tttttttttt ttcccaaagg cctcaraaca ctagtcttct aattccaagc agaaagttac      60
      220  atccgcgggg atacatgcca cttggtttga taaatcaaaa tacagcatcc ttcagatccc      120
W--> 221  tttgctgagc aatacaatta tttgtatatg ttactttttt ttctgttttg ctnaaagatt      180
W--> 222  tgatatgagc tgaggaaaat gaagccntta ctgctatnag atctnatccc tttccaccac      240
W--> 223  ctttcaggga tnttggcaact gcayatattc agaattcccc nnagtcgctn gtgataaaaa      300
      224  tgtcttcaga gatggcagaa tatgtttcct ttggtacatg ttcattaaaa atatacacgt      360
W--> 225  gctcactact gtggatatgt atgtnttgac cgatnacaca ggctgattta gggaagagat      420
W--> 226  aaaagcacac ttngaattta ttagcctttc accnagacta anattctgaa attaagaatg      480
W--> 227  tattccttgg tcaacaattt tcctcttctc ttagccctct tacattgtan tggactga      538

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229 <210> SEQ ID NO: 11
230 <211> LENGTH: 543
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapien
234 <220> FEATURE:
235 <221> NAME/KEY: misc_feature
236 <222> LOCATION: (1)...(543)
237 <223> OTHER INFORMATION: n = A,T,C or G
239 <400> SEQUENCE: 11
240 tttttttttt ttgccacag ctgccatctt tgtgtgataa ggccaacctt ctatgggaat      60
241 caaccctcgc catcccagca aatcccctct ctcccctctc atgggagtgc cttgtattca      120
W--> 242 tcaggcatct gggacttgat gtgggtntgg gatttgaaat cagagcacct nggtctctst      180
W--> 243 caccattctn tcacttatta gctctnacct tgggtnaata cctgccttag tgcntagggt      240
W--> 244 acaatatgaa tattgtctat ttctcaggga ttgcaatgac nagtnnatna gtgcatgaga      300
W--> 245 gggtaaaacc acaggggtact ccgctcctcc naagaatgga gaattttttc tagaagccca      360
W--> 246 natntgcttg gaaggttggc caccnagagc cnnaatcttc ttttatttnc cactgaangc      420
W--> 247 ctaagaggna attctgaact catcccnna tgacctctcc cgaatmagaa tatctctggc      480
W--> 248 acttaccata tttctctgcc ctcttccact tacnaaacte ctttattcct taacnggacg      540
249 aaa                                                                    543
251 <210> SEQ ID NO: 12
252 <211> LENGTH: 329
253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapien
256 <400> SEQUENCE: 12
257 cgatgacttg ggcagtgagt gggcctcctg ccaggtggca gggcacagct tagaccaaac      60
258 ccttggcctc ccccctctgc agstacctct gaccaagaag gaaactagca agcctatgct      120
259 ggcaagacca taggtggggt gctgggaatc ctcggggccg gctggcacc cctcctgggtg      180
260 ctcaagggag agaccactt gttcagatgc atrggcctca ggcgggtcaa ggcrgtctta      240
261 gagccacaga gtcaaataaa aatcaatttt gagagaccac agcacctgct gctttgatcg      300
262 tgatgttcaa ggcaagttgc aagtcacg                                          329
264 <210> SEQ ID NO: 13
265 <211> LENGTH: 314
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapien
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <222> LOCATION: (1)...(314)
272 <223> OTHER INFORMATION: n = A,T,C or G
274 <400> SEQUENCE: 13
275 cgatgacttg caccgggag ctgtgacagt ggcctggaag cagatggcag ccccgtaag      60
276 gcgggagtgg agaccaccaa accctccaaa cagagcaaca actagtacgc ggccagcagc      120
277 tacctgagcc tgacgccga gcagtggaag tccacagaa gctacagctg ccaggtcacg      180
W--> 278 catgaaggga gcaccgtgga gaagacagtg gcccctacag aatgttcata ggttcccnac      240
W--> 279 tctnacccca cccacgggag cctgganctg cangatcccg ggggaagggt ctctctcccc      300
280 atcccaagtc atcg                                                         314
282 <210> SEQ ID NO: 14
283 <211> LENGTH: 691
284 <212> TYPE: DNA
285 <213> ORGANISM: Homo sapien

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 79,459,463,466,469,585,642,645,656,660,666,670,671,678,686
Seq#:2; N Pos. 693
Seq#:3; N Pos. 65,83,137,140,190,231,250,280,307,372,376,453,467,468,474
Seq#:3; N Pos. 507,515,519,520,521,527,540,541,552,567,572,575,576,577,582
Seq#:3; N Pos. 585,607,608,610,616,617,624,631,636,640,646,658,669,690
Seq#:4; N Pos. 32,59,102,117,220,238,246,431,435,487,578,579,594,603,610
Seq#:5; N Pos. 28,185,200,312,315,324,337,396,409,410,425,439,465,481,483
Seq#:5; N Pos. 485,488,501,519,523,530,547,555,580,583,586,602,603,625,635
Seq#:5; N Pos. 644,646,649,655,658,668
Seq#:6; N Pos. 156,311,325,345,357
Seq#:7; N Pos. 57,176
Seq#:8; N Pos. 15,20,81,96,112,129,214,215,247
Seq#:9; N Pos. 29,61,71,90,264,273,377
Seq#:10; N Pos. 173,207,218,225,252,281,282,290,385,395,433,454,462,530
Seq#:11; N Pos. 147,171,190,206,216,235,281,285,286,289,331,361,364,385,392
Seq#:11; N Pos. 393,409,418,429,448,449,514,535
Seq#:13; N Pos. 238,244,267,273
Seq#:14; N Pos. 20,166,186,196,361,543,546,577,581,626,636,661
Seq#:15; N Pos. 87,146,195,333
Seq#:16; N Pos. 90,205,213,240,264,381,405,410,414,417,423,429,432,480,508
Seq#:233; N Pos. 90,97,242,244
Seq#:238; N Pos. 399
Seq#:245; N Pos. 105
Seq#:261; N Pos. 538
Seq#:264; N Pos. 32
Seq#:275; N Pos. 379
Seq#:279; N Pos. 457,471
Seq#:280; N Pos. 451
Seq#:281; N Pos. 456
Seq#:282; N Pos. 494
Seq#:290; N Pos. 233,247
Seq#:291; N Pos. 248,257,275,295,306,337
Seq#:292; N Pos. 19,353,415,431,474
Seq#:293; N Pos. 125,249,264,282,291,381,399,488
Seq#:294; N Pos. 55,285,489,519,582,590
Seq#:296; N Pos. 262,296,329,360,530,534,536,568,593,595
Seq#:298; N Pos. 105,108,136,148,149,237,243,250
Seq#:301; N Pos. 227,324,343,351,408,412,431,453,502,516,544
Seq#:302; N Pos. 51,157,240,258,304,316,378,391,475,576,580
Seq#:304; N Pos. 411
Seq#:306; N Pos. 502
Seq#:307; N Pos. 51,103,245,407,448
Seq#:308; N Pos. 576
Seq#:311; N Pos. 8,11,19

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Seq#:313; N Pos. 16,34,44,46,68,70,76,84,92,96,99,104,170,212,235,240,249
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Seq#:315; N Pos. 553
Seq#:318; N Pos. 538,590
Seq#:320; N Pos. 505,507,536,549,588
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Seq#:322; N Pos. 61,85,87,136,142,148,161,164,180,183,203,204,234,275,286
Seq#:322; N Pos. 307,311,313,337,491,523,526
Seq#:323; N Pos. 412,446
Seq#:324; N Pos. 141,184,357
Seq#:325; N Pos. 517
Seq#:326; N Pos. 49,132
Seq#:328; N Pos. 354
Seq#:329; N Pos. 97,219,256,331,457
Seq#:330; N Pos. 350,388,397,426,478,490,491
Seq#:331; N Pos. 222,290,314,319,338,449,460
Seq#:334; N Pos. 503,548
Seq#:336; N Pos. 517
Seq#:337; N Pos. 410
Seq#:338; N Pos. 486,566,568
Seq#:339; N Pos. 429
Seq#:340; N Pos. 441,442
Seq#:342; N Pos. 462,475
Seq#:344; N Pos. 310,377
Seq#:346; N Pos. 348,349
Seq#:353; N Pos. 133,162,200,210,252,324,332,349,365,371
Seq#:354; N Pos. 120,124,138,194,205,220,224,275,334
Seq#:355; N Pos. 407,459,483
Seq#:356; N Pos. 381
Seq#:357; N Pos. 339,457,475,486
Seq#:358; N Pos. 358,361,372,374,386
Seq#:359; N Pos. 299,318,363,381,395,412
Seq#:360; N Pos. 182,187,207,218,311,359,390,401,405,412,413,435,441
Seq#:361; N Pos. 228,230,338,339,348,358,379
Seq#:362; N Pos. 472,483,500,510
Seq#:369; N Pos. 6,7
Seq#:370; N Pos. 89,117,147,232
Seq#:371; N Pos. 114,188,317
Seq#:372; N Pos. 9
Seq#:376; N Pos. 86,260
Seq#:381; N Pos. 90,93
Seq#:389; N Pos. 43,133,185,226,254,256,303
Seq#:399; N Pos. 91,107,145,155,207,215,228,232,233,234,244
Seq#:401; N Pos. 3
Seq#:406; N Pos. 402,414
Seq#:409; N Pos. 279,304,315,319,343,352,355,356,361,381
Seq#:411; N Pos. 370
Seq#:415; N Pos. 380,394

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Output Set: N:\CRF3\05132002\I667170A.raw

Seq#:416; N Pos. 180,202,206,214,224,235,240,241,245,247,250,251,252,257
Seq#:416; N Pos. 267

VERIFICATION SUMMARY

DATE: 05/13/2002

PATENT APPLICATION: US/09/667,170A

TIME: 15:12:13

Input Set : A:\475c7.app

Output Set: N:\CRF3\05132002\I667170A.raw

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:420
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:540
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:600
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:60
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:120
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:180
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:240
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:300
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:420
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:480
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:540
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:600
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:660
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:180
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:240
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:420
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:480
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:540
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:540
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:120
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:300
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:120
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:60
L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:120
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:180
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:240
L:199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:60
L:203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:240
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:360
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:120

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/667,170A

DATE: 05/13/2002

TIME: 15:12:13

Input Set : A:\475c7.app

Output Set: N:\CRF3\05132002\I667170A.raw

L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:180
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:240
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:360
L:6769 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:279